

## Appendix 3: Example Hazard Comparison Table

Data found:

Chem.	CAS	Human Health - Group 1					Human Health - Group 2							Ecological			Fate		Physical	
		C	M	R	D	E	AT	ST	N	SnS	SnR	IrS	IrE	AA	CA	Eo	P	B	Ex	F
1	1234-56-1	IRIS 1986 Cat. A	GHS Cat. 2	GHS Risk R62	Prop 65 on list	EU Cat. 1	Oral LD <sub>50</sub> = 25mg/kg							Fish LC <sub>50</sub> = 0.5mg/L			Soil t <sub>1/2</sub> = 2,000d	WA PBT on list		
2	1234-56-2	IRIS 1986 Cat. E	Meets DfE low Screen	Oral LOAEL = 500 mg/kg	EU RA no sign	No Data	Oral LD <sub>50</sub> = 3000 mg/kg							Oral LD <sub>50</sub> = 3,000 mg/kg			Soil t <sub>1/2</sub> = 25 d	BCF = 560		
3	1234-56-3	IARC Group 4	Risk Phrase R 47	No Data	Risk Phrase R62	No Data	DG							GHS Cat. 3			No Data	EU RA No B		

Summary based upon existing data:

Chem.	CAS	Human Health - Group 1					Human Health - Group 2							Ecological			Fate		Physical	
		C	M	R	D	E	AT	ST	N	SnS	SnR	IrS	IrE	AA	CA	E <sub>o</sub>	P	B	Ex	F
1	1234-56-1	H	M	M	H	H	vH							H			vH	vH		
2	1234-56-2	L	L	L	L	DG	L							L			L	M		
3	1234-56-3	L	M	DG	M	DG	DG							L			DG	L		

Gray box = GS<sup>®</sup> criteria not used in QCAT

### Please note:

These appendices are updated frequently and may be outdated. Updated versions are available on the QCAT website at [www.ecy.wa.gov/GreenChemistry/QCAT.html](http://www.ecy.wa.gov/GreenChemistry/QCAT.html). Go to the website and check the dates to make sure you are using the most current version.